



## Building community resilience to climate change through public health planning

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### Abstract:

ISSUE ADDRESSED: Nillumbik Shire Council, in partnership with La Trobe University, used the Municipal Public Health Planning process to develop an approach for building the resilience of local communities to climate-related stressors. The objective was to define an approach for building community resilience to climate change and to integrate this approach with the 'Environments for Health' framework. METHODS: Key published papers and reports by leading experts the field were reviewed. Literature was selected based on its relevance to the subjects of community resilience and climate change and was derived from local and international publications, the vast majority published within the past two decades. RESULTS: Review of literature on community resilience revealed that four principal resource sets contribute to the capacity of communities to adapt in times of stress, these being: economic development; social capital; information and communication; and community competence. On the strength of findings, a framework for building each resilience resource set within each of the Environments for Health was constructed. This paper introduces the newly constructed 'Community Resilience Framework', which describes how each one of the four resilience resource sets can be developed within social, built, natural and economic environments. CONCLUSION: The Community Resilience Framework defines an approach for simultaneously creating supportive environments for health and increasing community capacity for adaptation to climate-related stressors. As such, it can be used by Municipal Public Health Planners as a guide in building community resilience to climate change.

### Resource Description

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience:

audience to whom the resource is directed

Policymaker, Public

#### Exposure :

# Climate Change and Human Health Literature Portal

weather or climate related pathway by which climate change affects health

Unspecified Exposure

## **Geographic Feature:**

resource focuses on specific type of geography

General Geographical Feature

## **Geographic Location:**

resource focuses on specific location

Global or Unspecified

## **Health Impact:**

specification of health effect or disease related to climate change exposure

General Health Impact

## **Medical Community Engagement:**

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

## **Resource Type:**

format or standard characteristic of resource

Review

## **Resilience:**

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

## **Timescale:**

time period studied

Time Scale Unspecified